

## **Waterfall**

### **Requirements definition**

Services – the user can do certain actions depending on what type of user they are

Constraints – the user can only select one of three choices identifying themselves, no other option would work

Goals – to allow the user to go through the system and complete anything they need to do with their schedule, roster, courses, etc.

### **System and Software Design**

System Architecture - Leopard Web

- The user can enter their first name, last name and id number to login to the system
- They will enter the system to which they can choose what they want to do

### **Implementation and system testing**

- Create a user, student, instructor and admin
- Each will inherit attributes from the other, the admin can use everything that the instructor and student can use

### **Integration and system testing**

Test system

- Enter name and id
- Identify as a student, instructor or admin
- Options will be put up and the user selects the action they want to execute on the system
- Those specific actions will be executed, and the user can continue to use the system

### **Operation and maintenance**

- When run, edit any error that may occur